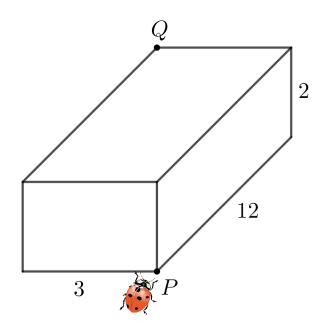
Problem of the Week Problem E Bug on the Outside

A ladybug walks on the surface of the 2 by 3 by 12 rectangular prism shown. The ladybug wishes to travel from P to Q.



What is the length of the shortest path from P to Q that the ladybug could take?